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TITLE: SUPERELASTIC SPRING

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INVENTOR-INFORMATION:

NAME

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ABSTRACT:

PURPOSE: To obtain a superelastic spring which maintains the fundamental properties of the shape memory alloy and possesses the excellent durability.

CONSTITUTION: A superelastic spring which possesses the excellent shape memory characteristic and the excellent durability can be obtained by forming a shape memory alloy wire 1 to a composite wire having a composite structure, i.e., each structure of a twisted wire, braided wire, woven wire, and a nonwoven wire, and further, the superelastic spring which

possesses the excellent  
electric conductivity can be obtained by using the  
excellent electric  
conductive material, e.g. Cu<sub>3</sub> for a part of the  
composite wire.

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